NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING GOPHER STATE ONE CALL. CONTRACTOR SHALL COORDINATE WITH UTILITY REPRESENTATIVES TO ENSURE THAT THE INTEGRITY OF THE UTILITIES ARE MAINTAINED AND PAY FOR ANY FEES ASSOCIATED WITH THE INSTALLATION WORK.

SEE SHEET 57

CONCRETE PEDESTRIAN RAMP (TYP.)

PROPOSED ROW

CB-7
RE=937.60
IE=934.58

GV TIES:
HYD-SW = 39'
CB 5-S = 59.5'

TC=937.94

TC=938.34

DRAINTILE

53 LF – 12" RCP CL V @ 0.50%
62 0.81

TC=938.99

TC=938.23

CONCRETE MEDIAN NOSE
MN/DOT STD. PLATE NO. 7113
(TYP.)

5+00

55+50

DRAINTILE

56+00

129 LF – 36.25" X 22.5" ARCH @ 0.20%
124

43 LF – 36.25" X 22.5" ARCH @ 0.20%
44

0.16

0.13

STMH-6 (60"ø)
RE=937.55
53

TC=938.44

HYDRANT

TC=938.62

941.5 941.5 941.5
940.5 940.5 940.5
941.0 941.0
940.0 940.0

RETAINING WALL

CONSTRUCT CONCRETE BULKHEAD (INCIDENTAL)

14
76 LF – 15" RCP CL V @ 7.81%
6.07

CB-5
RE=937.82
IE(E)=934.46
IE(W)=934.59

CITY OF ELK RIVER PROPERTY LINE

CONSTRUCTION LIMITS

35
32 LF – 15" RCP CL V @ 1.00%
0.80

SEE SHEET 48

202+50

203+00

204+00

TYLER STREET

GV TIES:
CB2 NE = 67'
STMH3 SE = 40'

GV TIES:
CB-NE = 47'
CB-SE = 27'

GV TIES:
CB2 NE = 61'
STMH3 E = 32'

CB-2
RE=938.33
20
IE(SE)=934.38
21
18" RCP W/TRASHGUARD
IE=933.44
CLASS IV RIP RAP (20 TON)
2.97

FES-4

PERMANENT SLOPE EASEMENT

PROPOSED WETLAND EDGE

SHEET PILE RETAINING WALL
SEE SHEET 118
F&I 140 LF OF CHAIN LINK FENCE

TC=938.05

R40

135
142 LF – 18" RCP CL III @ 0.25%
0.33

CONSTRUCTION LIMITS

TEMPORARY EASEMENT

6' CONCRETE SIDEWALK (TYP.)

CB-8

SHEET PILE WALL TIE-BACK

2-FOOT WIDE COLORED CONCRETE (4" THICK)

65
64 LF – 12" RCP CL V @ 1.00%
0.88

TC=939.73

TC=939.40

END TAPER
TC=939.60

15:1 TAPER

TC=939.36

CONCRETE MEDIAN (4-INCHES THICK)

CURBSTOP TIES:
CB-SE = 60'
CB-SW = 98'

CURBSTOP TIES:
CB-N = 37'
CB-SW = 39'

BEGIN TAPER
TC=938.35

MB

34' F-F

22' F-F

57+00

57+50

58+00

58+50

59+00

59+50

60+00

60+

8' BITUMINOUS TRAIL

PROPOSED ROW

PROPOSED STORMWATER TREATMENT POND
SEE SHEET 64

FES-2
IE=933.50
40
CLASS IV RIP RAP
(20 TON)

OUTLET STRUCTURE-1
SEE DETAIL ON SHEET 19

FES=931.16

SEE SHEET 50

0 20
0 VERT 5

STMH-3 (60"ø)
RE=938.36
40
IE(SE)=933.59
53
IE(NW)=933.59
63
IE(SW)=934.06
63

33 LF – 15" RCP CL V @ 0.50%
1.34

STMH-4
RE=937.93
72
IE(N)=934.22
IE(W)=934.32
10
18

48

FES-1
IE=933.43
38
CLASS IV RIP RAP (30 TON)

STMH-1 (72"ø)
RE=938.43
34
IE(SW)=933.50
44
IE(NW)=933.50
IE(NE)=933.74
49
64

50 LF – 30" RCP CL III @ 0.13%

PC = 58+05.52

SEE SHEET 57

REVISIONS			
NO	DATE	BY	DESCRIPTION
1	09/30/08	NAB	ADDENDUM #1
2	11/25/10	JA	RECORD DRAWING

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Print Name: JOHN M. ANDERSON

Signature:

Date: 09-30-08 License # 25889

SP 204-104-07

CITY OF ELK RIVER
193RD AVENUE STREET CONSTRUCTION
STREET AND STORM SEWER
193RD AVENUE
RECORD PLAN

55+50 TO 60+00

193RD AVENUE

W POINT ELEV = 938.25
POINT STA = 55+36.29
PVI STA = 55+20
PVI ELEV = 938.08
A.D. = 1.50
K = 66.85
100.00' VC

EVCS: 55+70
EVCE: 938.33

HIGH POINT ELEV = 939.14
HIGH POINT STA = 57+50.79
PVI STA = 57+54
PVI ELEV = 939.26
A.D. = -1.09
K = 82.88
90.00' VC

BVCS: 57+09
BVCE: 939.03

EVCS: 57+99
EVCE: 939.00

STMH-6
RE=937.55
53
IE(SE)=933.96
83
IE(N)=934.05
08
IE(W)=934.05
3.87

124
129 LF – 36.25" x 22.5" ARCH @ 0.20%

0.50%

0.16

STMH-3
RE=938.36
40
IE(SE)=933.59
53
IE(NW)=933.59
63
IE(SW)=933.89
63

STMH-1
RE=938.43
34
IE(SE)=933.50
44
IE(NW)=933.50
49
IE(NE)=933.74
64

PROPOSED SOUTH CURB LINE

EXISTING GROUND

STMH-46
RE=937.23
21
IE(SE)=933.76
59
IE(NE)=933.86
62

44
43 LF – 36.25" x 22.5" ARCH @ 0.20%
0.13

18" RCP

WATERMAIN

| | | |